

Appln. No. 10/821,332

Amendment dated June 25, 2007

Reply to Final Office Action mailed March 23, 2007

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims (deleted text being struck through and added text being underlined):

1. (Currently Amended) A computer having at least one input device, comprising:

an input device including at least one RF transponder that is controllable by a user to be selectively capable or incapable of transmitting a signal;

a computing arrangement including a reader and a microprocessor, the computing arrangement being adapted to receive and decode the signal from the at least one RF transponder; and

a display adapted to display information represented by the signal;

wherein the at least one RF transponder is controlled to be capable of transmitting the signal by exposing an antenna and is controlled to be incapable of transmitting the signal by shielding the antenna.

2. (Currently Amended) The computer as set forth in claim 1, wherein the at least one RF transponder is configured as part of an RFID device, ~~the at least one RF transponder being controlled to be capable of transmitting the signal by connecting an integrated circuit and an antenna and is controlled to be incapable of transmitting the signal by disconnecting the integrated circuit and the antenna.~~

3. (Cancelled)

4. (Currently Amended) The computer as set forth [[[m]]] in claim 1, wherein the input device includes a keypad having a plurality of keys.

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5. (Original) The computer as set forth in claim 4, wherein the keypad is arranged such that, when one of the plurality of keys is depressed, an antenna is caused to connect with a corresponding integrated circuit and send a signal.

6. (Currently Amended) ~~The A computer as set forth in claim 5,~~  
having at least one input device, comprising:

an input device including at least one RF transponder that is  
controllable by a user to be selectively capable or incapable of transmitting  
a signal;

a computing arrangement including a reader and a microprocessor, the  
computing arrangement being adapted to receive and decode the signal from  
the at least one RF transponder;

a display adapted to display information represented by the signal;  
wherein the input device includes a keypad having a plurality of keys;  
wherein the keypad is arranged such that, when one of the plurality of  
keys is depressed, an antenna is caused to connect with a corresponding  
integrated circuit and send a signal; and

wherein depression of selected combinations of keys simultaneously  
seeds sends a different signal than depression of the same keys individually.

7. (Original) The computer as set forth in claim 6, wherein the computing arrangement is arranged such that depression of a selected sequence of keys within a predetermined period of time is decoded differently than if the sequence of keys is not depressed within the predetermined period of time.

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8. (Currently Amended) ~~The A computer as set forth in claim 5,~~  
having at least one input device, comprising:

an input device including at least one RF transponder that is  
controllable by a user to be selectively capable or incapable of transmitting  
a signal;

a computing arrangement including a reader and a microprocessor, the  
computing arrangement being adapted to receive and decode the signal from  
the at least one RF transponder;

a display adapted to display information represented by the signal;  
wherein the input device includes a keypad having a plurality of keys;  
wherein the keypad is arranged such that, when one of the plurality of  
keys is depressed, an antenna is caused to connect with a corresponding  
integrated circuit and send a signal; and

wherein the computing arrangement is arranged such that depression of  
a selected sequence of keys within a predetermined period of time is  
decoded differently than if the ~~sequence~~ sequence of keys is not depressed  
within the predetermined period of time.

9. (Original) The computer as set forth in claim 1, wherein the  
input device includes a pointing device.

10. (Currently Amended) The computer as set forth in claim 1,  
wherein the computer is adapted to be ~~corrected~~ connected by wires to one  
or more wired input devices adapted to perform the same function as the  
input device.

11. (Original) The computer as set forth in claim 1, wherein the  
input device is adapted to communicate via wiring to the computing  
arrangement and to be disconnected from the wiring and communicate via  
the at least one RF transponder.

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12. (Currently Amended) The computer as set forth in claim 1, wherein the computing arrangement causes ~~stores~~ status information pertaining to the input device on the display.

13. (Original) The computer as set forth in claim 1, wherein the input device operates together with another RFID product.

14. (Original) The computer as set forth in claim 13, wherein the computing arrangement is adapted to receive and decode the signal from the at least one RF transponder only when the computing arrangement detects the presence of an authorized RFID tag.

15. (Original) The computer as set forth in claim 1, wherein the display is a monitor.

16. (Original) The computer as set forth in claim 1, whereto the display includes a printer.

17. (Currently Amended) A computer having at least one input device, comprising:

an input device including at least one RF transponder that is configured as part of an RFID device, the at least one RF transponder being controllable by a user to be selectively capable or incapable of transmitting a signal;

a computing arrangement including a reader and a microprocessor, the computing arrangement being adapted to receive and decode the signal from the at least one RF transponder;

wherein the input device includes a pointing device;

wherein the at least one RF transponder includes an array of antennas disposed in a first plane and an array of integrated circuits disposed in a second plane, each antenna being movable upon application of a force to the antenna to contact a corresponding one of the integrated circuits and transmit a corresponding signal and, upon removal of the force, to be removed from contact with the one of the integrated circuits.

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18. through 19. (Cancelled)

20. (Currently Amended) The computer input device as set forth in claim ~~18~~ 30, wherein the antenna is part of a stylus.

21. (Cancelled)

22. (Currently Amended) The computer as set forth in claim ~~21~~ 17, wherein the antennas are disposed on a flexible material.

23. (Currently Amended) The computer as set forth in claim 22, wherein the flexible material is a sheet material.

24. (Currently Amended) The computer as set forth in claim ~~21~~ 17, comprising a stylus for moving the antennas.

25. (Original) The computer as set forth in claim 17, wherein the at least one RF transponder includes a plurality of RF transponders.

26. through 27. (Cancelled)

28. (Currently Amended) The computer as set forth in claim 17, wherein the input device operates together with another ~~RFD~~ RFID product.

29. (Original) The computer as set forth in claim 28, wherein the computing arrangement is adapted to receive and decode the signal from the at least one RF transponder only when the computing arrangement detects the presence of an authorized RFID tag.

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30. (Previously Presented) A computer input device, comprising:  
an input device including at least one RF transponder that is  
configured as part of an RFID device, the at least one RF transponder being  
controllable by a user to be selectively capable or incapable of transmitting  
a signal,

wherein the input device is adapted to cooperate with a computing  
arrangement including a reader and a microprocessor, the computing  
arrangement being adapted to receive and decode the signal from the at least  
one RF transponder, and wherein the input device includes a pointing  
device; and

wherein the at least one RF transponder includes an array of integrated  
circuits and an antenna that is moved over the array to cause signals to be  
transmitted.

31. (Cancelled)

32. (Currently Amended) The computer as set forth in claim  
[[[31]]] 30, wherein the array of integrated circuits includes a wire grid  
connected to a plurality of integrated circuit chips, the antenna contacting  
the wire grid to cause signals to be transmitted.

33. (Cancelled)

34. (Original) The computer input device as set forth in claim 30,  
wherein the at least one RF transponder includes a plurality of RF  
transponders.

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35. (Currently Amended) A computer input device comprising:  
an input device including at least one RF transponder that is  
configured as part of an RFID device, the at least one RF transponder being  
controllable by a user to be selectively capable or incapable of transmitting  
a signal,

wherein the input device is adapted to cooperate with a computing  
arrangement including a reader and a microprocessor, the computing  
arrangement being adapted to receive and decode the signal from the at least  
one RF transponder, and wherein the input device includes a pointing  
device; and

wherein the at least one RF transponder includes a plurality of  
antennas and a rotatable member, and wherein rotation of the  
rotatable member causes the antennas to connect with and disconnect from  
one or more integrated circuits.

36. (Previously Presented) A computer input device comprising:  
an input device including at least one RF transponder that is  
configured as part of an RFID device, the at least one RF transponder being  
controllable by a user to be selectively capable or incapable of transmitting  
a signal,

wherein the input device is adapted to cooperate with a computing  
arrangement including a reader and a microprocessor, the computing  
arrangement being adapted to receive and decode the signal from the at least  
one RF transponder, and wherein the input device includes a pointing  
device; and

wherein the at least one RF transponder includes at least one antenna  
and a pivotable member, and wherein pivoting movement of the pivotable  
member causes the at least one antenna to connect with and disconnect from  
one or more integrated circuits.

37. (New) The computer as set forth in claim 6, wherein the at  
least one RF transponder is configured as part of an RFID device.

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38. (New) The computer as set forth in claim 8, wherein the at least one RF transponder is configured as part of an RFID device.

39. (New) The computer as set forth in claim 6, wherein the input device includes a pointing device.

40. (New) The computer as set forth in claim 8, wherein the input device includes a pointing device.

41. (New) The computer as set forth in claim 6, wherein the input device operates together with another RFID product.

42. (New) The computer as set forth in claim 8, wherein the input device operates together with another RFID product.